



(12) **United States Patent**  
**Basler et al.**

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(54) **CONTINUOUS ROD TRANSPORT SYSTEM**

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242/401, 128, 610.5, 570, 577, 613,  
(Continued)

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 107 days.

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**Related U.S. Application Data**

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(Continued)

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(51) **Int. Cl.**  
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(57) **ABSTRACT**

A transport system has a dedicated trailer for transporting a small transport reel (i.e., <18-ft in diameter) of continuous rod to the field. The trailer has a pedestal that can pivot the reel. A hub motor on the pedestal can turn the reel, and a transfer unit and rod bender on the trailer can curve or straighten the rod when being fed into or out of the reel. A power and hydraulic system operates the various hydraulic components on the trailer. In other aspects, the transport system includes stands that can hold the small transport reels on a trailer within a defined transport envelope. When empty, these stands can be stacked on top of one another on the trailer for return to a facility.

(52) **U.S. Cl.**  
CPC ..... **B60P 3/035** (2013.01); **B21C 47/04** (2013.01); **B21C 47/24** (2013.01); **B21C 47/28** (2013.01); **B65H 49/38** (2013.01); **B65H 75/20** (2013.01); **B65H 75/22** (2013.01); **B65H 75/364** (2013.01); **B65H 75/4402** (2013.01);  
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(58) **Field of Classification Search**  
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**30 Claims, 26 Drawing Sheets**

